FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: December 21, 1993 Date Received: December 15, 1993

Project: 7238, Lead-Foil X-Ray Paper, PO #M32278

Date Samples Extracted: December 16, 1993 Date Extracts Analyzed: December 16, 1993

RESULTS FROM THE ANALYSIS OF THE LEAD FOIL X-RAY PAPER SAMPLE FOR TCLP LEAD IN ACCORDANCE WITH 40 CFR PART 261

Results Reported as mg/L (ppm)

Analyte Lead
Sample ID:

M32278 >1,000

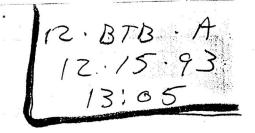
Quality Assurance

Blank < 0.5 M32278 (Duplicate) >1,000 M32278 (Matrix Spike) % Recovery ai M32278 (Matrix Spike Duplicate) % Recovery ai Spike Blank % Recovery 130%vo Spike Level 10

ai The amount spiked was insufficient to give meaningful recovery data.

vo Value reported fell outside the control limits established for this analyte.

SAMPLE CHAIN OF CUSTODY



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101e, ZIP SEATTLE # (26) 623-5	800 X218		Date	12-15-93			
E NO.	PROJECT NAME			PURCHASE ORDER #			
238.	Lead-foil X-RI	AY PAPE	re	m 32278			
MPLERS (signature)				PROJE	CT LOCATION		
June 9. Par		3200 6th Ave. S.					
MARKS /		······································		7	E DISPOSAL INFORM.		
	•			Dispose after 30 days Return Samples Call for Instructions			
MPLE #	Date/Time Sampled	Type of Sample	# of Jars	Lab Sample #	Analyses Requested		
32278	12/15/93 0800	Lead.	1	46656	TOUP Lead		
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SIGNATURE	PRINT NAME		COMI	PANY	Date	Time	
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caved by:		CEMPLE / DOTTESAY					
equished by:	1. 1				12.15.93	12155	

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Andrew John Friedman James E. Bruya, Ph.D. (206) 285-8282

DUPLICATE COPY

3008-B 16th Avenue West Seattle, WA 98119 FAX: (206) 283-5044

December 21, 1993

INVOICE # 93ACU1221-2

Alaskan Copper Works 628 South Hanford Seattle, WA 98134

RE: Project 7238, Lead-Foil X-Ray Paper, PO #M32278: Results of testing requested by Gerald Thompson, Project Leader and submitted on December 15, 1993.

1 lead foil x-ray	paper sample ana	alyzed for		
TCLP Lead @ \$	110 per sample			<u>\$ 110.00</u>
Amount Due				\$ 110.00

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Andrew John Friedman James E. Bruya, Ph.D. (206) 285-8282 3008-B 16th Avenue West Seattle, WA 98119 FAX: (206) 283-5044

December 21, 1993

Gerald Thompson, Project Leader Alaskan Copper Works 628 South Hanford Seattle, WA 98134

Dear Mr. Thompson:

Enclosed are the results from the testing of material submitted on December 15, 1993 from Project 7238, Lead-Foil X-Ray Paper, PO #M32278.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

Bradley T. Benson

Chemist

BTB/dp

Enclosures